

SIGNING & MARKING SUMMARY OF QUANTITIES

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BRST0-0074-01(051)	8	119

SUMMARY OF QUANTITIES-STANDARD SIGNS																								
STATION	INSTL. NO.	SIGN CODE	HIGHWAY SIGNS												SQUARE TUBE POST									BREAKAWAY SIGN SUPPORT (EACH)
			TP 1 MATL. REFL SHEETING TP 3			TP 2 MATL. REFL SHEETING TP 3			TP 1 MATL. REFL SHEETING TP 9			TP 2 MATL. REFL SHEETING TP 9			TYPE 7			TYPE 8			TYPE 9			
			SIZE	QUANTITY	SQUARE FEET	SIZE	QUANTITY	SQUARE FEET	SIZE	QUANTITY	SQUARE FEET	SIZE	QUANTITY	SQUARE FEET	LENGTH (FEET)	QUANTITY	TOTAL LENGTH	LENGTH (FEET)	QUANTITY	TOTAL LENGTH	LENGTH (FEET)	QUANTITY	TOTAL LENGTH	
Mainline																								
101+00 LT		W11-1							30x30	1	6.25				16.24	1	16.24							
		W16-2P							24x10	1	1.67													
101+29.40LT		D1-3				54x36	1	13.5							13.00	2	26.00							
101+25 RT		R3-17	24x30	1	5										13.25	1	13.25							
		R3-17aP	24x12	1	2																			
101+90 LT		R3-17	24x30	1	5										13.25	1	13.25							
		R3-17bP	24x12	1	2																			
102+50 LT		D9-10	30x30	1	6.25										12.00	1	12.00							
102+90 LT		M2-1	21x15	1	2.19										16.25	2	32.50							
		M1-5	24x24	1	4																			
		M4-1A	24x12	1	2																			
		M1-4	24x24	1	4																			
103+02 RT		R1-1							30x30	1	5.21				12.50	1	12.50							
103+10 RT		W8-13							36x36	1	9				13.00	2	26.00							
103+60 RT		M4-1A	24x12	1	2										14.00	1	14.00							
		M3-1	24x12	1	2																			
		M1-5	24x24	1	4																			
104+00 LT		RG-090	42x18	1	5.25																			
104+25 RT		D10-1	12x24	2	4										12.00	1	12.00							
104+75 RT		D2-2	36x24	1	6										12.00	1	12.00							
106+80 LT		W3-3							36x36	1	9				13.00	2	26.00							
107+25 RT		R2-1	24x30	1	5										12.50	1	12.50							
107+30 LT		R3-17	24x30	1	5										13.25	1	13.25							
		R3-17aP	24x12	1	2																			
107+50 LT		R1-1							30x30	1	5.21				12.50	1	12.50							
107+75 RT		R3-17	24x30	1	5										13.25	1	13.25							
		R3-17bP	24x12	1	2																			
108+70 LT		W8-13							36x36	1	9				13.00	2	26.00							
108+70 RT		R1-1							30x30	1	5.21				12.50	1	12.50							
109+10 LT		W11-1							30x30	1	6.25				16.24	1	16.24							
		W16-2P							24x10	1	1.67													
TOTALS				21	74.69		1	13.5		10	58.47					24	321.98							

\* INSERT POST

RAISED PVMT MARKERS (EACH)

LOCATION	REFLECTIVE-RAISED	
	TWO WAY YELLOW	
	TYPE 1	
ON SOLID YELLOW LINES	20	
TOTALS	20	

TRAFFIC STRIPE

DESCRIPTION	UNIT	QUANTITY	
		PREFORMED PL	THERMOPLASTIC
5 IN SOLID WHITE	LF	-	1127
8 IN SOLID CONTRAST WHITE/BLACK	LF	494	-
8 IN SOLID CONTRAST YELLOW/BLACK	LF	494	-
5 IN SKIP WHITE	LF	-	90
5 IN SOLID YELLOW	LF	-	1056
8 IN SOLID WHITE	LF	-	578
24 IN SOLID WHITE	LF	-	55
TRAFFIC STRIPING, YELLOW	SY	-	25

PAVEMENT MARKING

DESCRIPTION	UNIT	QUANTITY
SYMBOL, TP 1	EA	5
SYMBOL, TP 4	EA	5

SIGNING GENERAL NOTES

1. ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.

2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC SAFETY AND DESIGN.

3. ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY.

4a. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON INTERSTATE HIGHWAYS SHALL BE 32 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), UNLESS SPECIFIED OTHERWISE IN THE PLANS. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON RAMPS SHALL BE 2 FEET FROM THE NORMAL EDGE OF PAVED SHOULDER, OR EDGE OF GRADED SHOULDER WHEN PRESENT.

4b. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON ALL OTHER ROADWAYS SHALL BE 6 FEET FROM THE EDGE OF THE PAVED SHOULDER OR 12 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), WHICHEVER IS GREATER. THE HORIZONTAL CLEARANCE IN NON-MOUNTABLE CURB SECTIONS SHALL BE AT LEAST 2 FEET FROM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S).

4c. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS MOUNTED BEHIND GUARDRAIL SHALL BE 6 FEET FROM THE FACE OF THE GUARDRAIL TO THE NEARER EDGE OF THE SIGN(S).

5. SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE INSET 1/6TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE 1/2 INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.

6. EACH 42 OR 48 INCH WIDE x 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN.

7. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.
8. TYPE 111 (ENCAPSULATED LENS) REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.

9. TYPE 1X (WIDE ANGLE PRISMATIC) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3A, R1-4A, R5-1, R5-1A).

10. TYPE 1X (WIDE ANGLE PRISMATIC) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING SHALL BE USED FOR SCHOOL ZONE (S1-1, S2-1, S3-1, S4-3, AND THE TOP PORTION OF THE S5-1) SIGNS, BICYCLE CROSSING (W11-1) SIGNS, AND PEDESTRIAN CROSSING (W11-2 AND W11A-2) SIGNS. SIGNS WITHIN THE SAME ASSEMBLY AS THE SCHOOL ZONE SIGNS SPECIFICALLY LISTED ABOVE AND ALL REGULATORY SIGNS PLACED AS PART OF THE SCHOOL ZONE SIGNING SHALL HAVE TYPE V1 (WIDE ANGLE PRISMATIC) REFLECTIVE SHEETING BACKGROUNDS OF THE APPROPRIATE COLOR.

11. TYPE 1X (WIDE ANGLE PRISMATIC) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.

12. A 1/4 INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.

13. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL 3/8 INCH DIAMETER HOLE(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.

14. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF MISCELLANEOUS SIGNS.

15. REFER TO PLAN SHEETS FOR LOCATION OF THE DISTRICT ENGINEERS' OFFICE TO BE SHOWN ON ALL R552-1 (LIMITED ACCESS) SIGNS IN THIS PROJECT, IF ANY.

16. CONTRACTOR WILL, AS REQUESTED BY THE DISTRICT TRAFFIC OPERATIONS ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.